EXISTING SIGNS TO BE REMOVED

14

15

PROPOSED SIGNS

10, 11

D-3(2)
16" x Var.
(Dual-faced)

9

D-3(2)
16" x Var.
(Dual-faced)

12, 13

M 3-3
48" x 48"

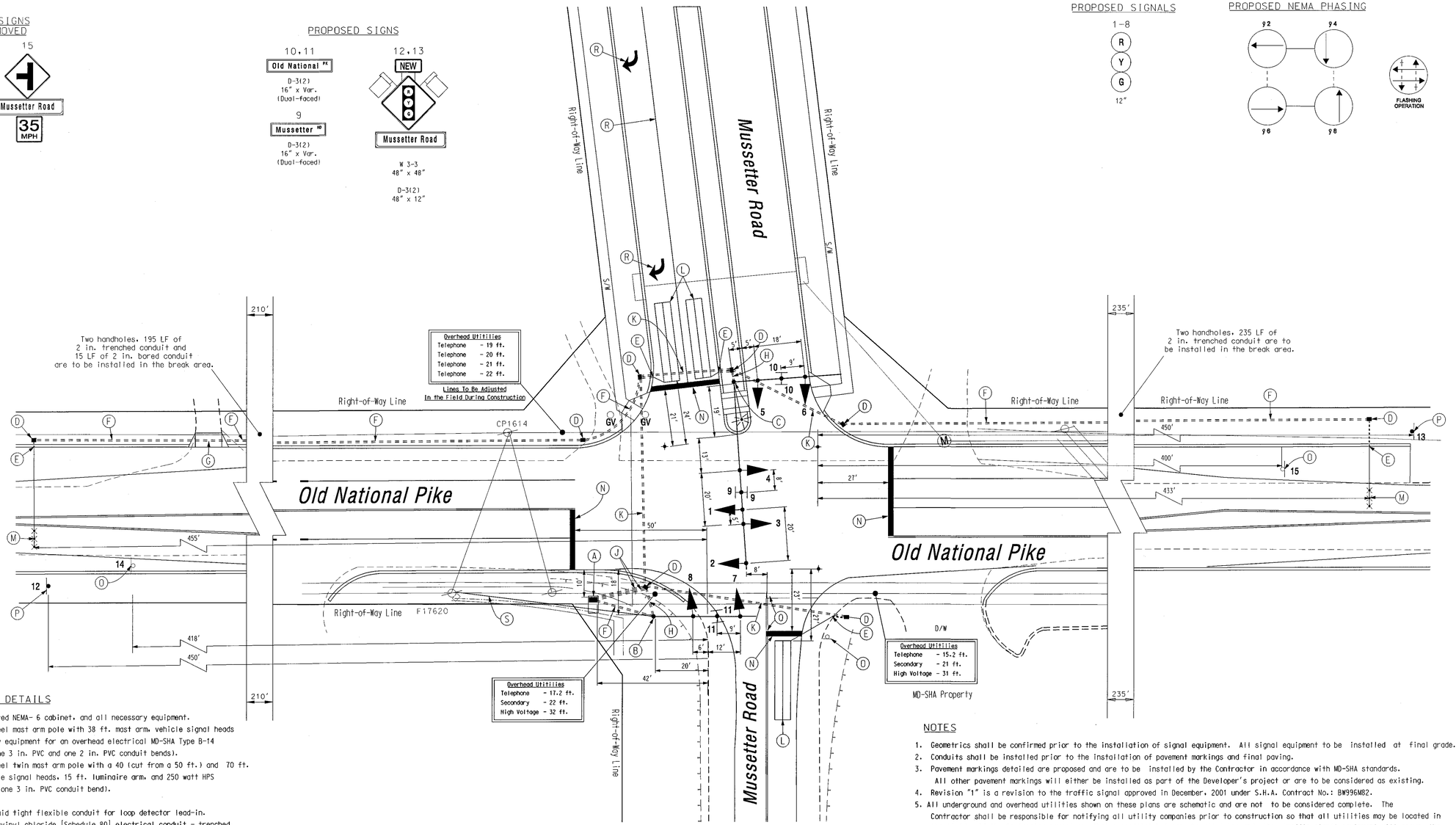
D-3(2)
48" x 12"

PROPOSED SIGNALS

1-8

12"

PROPOSED NEMA PHASING



CONSTRUCTION DETAILS

A. Install base mounted NEMA- 6 cabinet, and all necessary equipment.
B. Install 27 ft. steel mast arm pole with 38 ft. mast arm, vehicle signal heads and all necessary equipment for an overhead electrical MD-SHA Type B-14 service (Note: one 3 in. PVC and one 2 in. PVC conduit bends).
C. Install 27 ft. steel twin mast arm pole with a 40 (cut from a 50 ft.) and 70 ft. mast arms, vehicle signal heads, 15 ft. luminaire arm, and 250 watt HPS luminaire (Note: one 3 in. PVC conduit bend).
D. Install handhole.
E. Install 1 in. liquid tight flexible conduit for loop detector lead-in.
F. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
G. Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
H. Install 3 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
J. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - trenched.
K. Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit - bored.
L. Install 6 ft. x 30 ft. quadrupole vehicle loop detector (3-6-3 turns).
M. Install micro-loop probe vehicle detector.
N. Install 24 in. wide pavement marking - white for stop line.
O. Remove existing ground mounted sign.
P. Install ground mounted sign as shown.
Q. Remove existing pavement markings by grinding.
R. To be installed by others.
S. Proposed overhead electrical service by Allegheny Power Co.

NOTES

1. Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment to be installed at final grade.
2. Conduits shall be installed prior to the installation of pavement markings and final paving.
3. Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with MD-SHA standards. All other pavement markings will either be installed as part of the Developer's project or are to be considered as existing.
4. Revision "1" is a revision to the traffic signal approved in December, 2001 under S.H.A. Contract No.: BW996M82.
5. All underground and overhead utilities shown on these plans are schematic and are not to be considered complete. The Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

GEOMETRIC LEGEND

EXISTING GEOMETRICS
PROPOSED GEOMETRICS

UTILITY LEGEND

GAS MAIN
WATER MAIN
SEWER MAIN
ELECTRIC CABLES
STORM DRAIN
AERIAL CABLES
TELEPHONE CABLES

The Traffic Group
The Traffic Group, Inc.
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REVISIONS

APPROVALS

Amy K. Bagli 6-11-02
TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION

ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

6.17.02
CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION

BJC 6.17.02
DIRECTOR, TRAFFIC & SAFETY

MARYLAND DOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION
(Traffic Signal Plan)

Old National Pike at Mussetter Road

DRAWN BY: Frank Hoeckel	F.A.P. NO. N/A	TS NO. 4148	SHEET NO.
CHECKED BY: Chris Strain	S.H.A. NO. BW996M82		
SCALE: 1" = 20'	COUNTY: Frederick	T.I.M.S. NO. E-920	1 OF 2
DATE: June 5, 2002	LOG MILE:		